

**Notice of Allowability**

Application No.

10/670,402

Applicant(s)

TAKAHASHI, HIDEAKI

Examiner

Rasha S. AL-Aubaidi

Art Unit

2614

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/26/2003.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

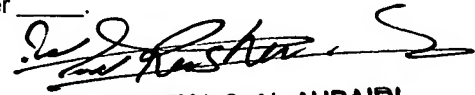
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**RASHA S. AL-AUBAIDI**  
**PATENT EXAMINER**  
**571-272-7481**

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicant's attorney Mr. Gang Luo on 06/21/2007.

### IN THE CLAIMS:

1. (Currently Amended) A telephone terminal having a plurality of transmitter/receiver units, to each of which identifying information on Internet is assigned, and a base unit for inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver unit, wherein the base unit comprises:

an inquiry device that inquires ~~the~~ a state of use to the transmitter/receiver unit, to which the identifying information is assigned, when ~~the~~ an incoming call based on the identifying information is received through Internet;

a determination device that determines ~~whether or not the~~ a voice call through the transmitter/receiver unit is available ~~based~~ on the state of use responded to the inquiry by the inquiry device;

and a call response device (i)  
that calls the transmitter/receiver unit to perform a voice call with a calling  
party through Internet, when the determination device determines that the voice  
call through the transmitter/receiver unit is available, (ii) that outputs the  
message to the calling party so as to notify that the voice call is  
unavailable, when the determination device determines the voice call is  
unavailable; and wherein

the transmitter/receiver unit comprises:

a notification device that notifies the state of use of the transmitter/receiver  
unit to the base unit when receiving the inquiry of the ~~sate~~ state of use from the  
base unit.

8. (Currently Amended) A telephone terminal having a plurality of  
transmitter/receiver units, to each of which identifying information on the Internet is  
assigned, and a base unit for inputting/outputting audio signals transmitted through  
Internet to relay the audio signals to the transmitter/receiver unit, wherein the ~~body~~  
~~part-~~ base unit comprises:

an inquiry device that inquires the a state of use to the  
transmitter/receiver unit, to which the identifying information is assigned,  
when the an incoming call based on the identifying information is received through  
Internet;

a determination device that determines whether or not the a voice call through the transmitter/receiver unit is available based on the state of use responded to the inquiry by the inquiry device; and

a call response device (i) that calls the transmitter/receiver unit to perform a voice call with a calling party through Internet, if the determination device determines that the voice call through the transmitter/receiver unit is available, (ii) that outputs the message to the calling party so as to notify that the voice call is unavailable, if the determination device determines the voice call is unavailable; and wherein

the transmitter/receiver unit comprises:

a notification device that notifies the state of use of the transmitter/receiver unit to the base unit when receiving the inquiry of the ~~sate~~ state of use from the base unit.

9. (Currently Amended) A computer-readable storage medium having recorded thereon a terminal control program to make a computer system for causing a computer to execute a variety of processes for controlling a telephone terminal comprising a plurality of transmitter/receiver units, to each of which the identifying information on Internet is assigned, and a base unit for inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver unit, the terminal control program including:

a determination process to determine whether or not the a voice call through the transmitter/receiver is available based on the a state of use of the transmitter/receiver unit, to which the identifying information is assigned; and

a call response process (i) to call the transmitter/receiver unit to perform a voice call with a calling party through Internet when the determination process determines that the voice call through the transmitter/receiver unit is available, (ii) to output the message so as to notify that the voice call is unavailable to the calling party when the determination process determines that the voice call through the transmitter/receiver ~~section~~ unit is unavailable.

10. (Currently Amended) A computer-readable storage medium having recorded thereon a terminal control program to make a computer system for causing a computer to execute a variety of processes for controlling a telephone terminal comprising a plurality of transmitter/receiver units, to each of which the identifying information on Internet is assigned, and a base unit for inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver unit, the terminal control program including:

a determination process to determine whether or not the a voice call through the transmitter/receiver unit is available based on the a state of use of the transmitter/receiver unit, to which the identifying information is assigned; and

a call response process (i) to call the transmitter/receiver unit to

perform a voice call with a calling party through Internet when the determination process determines that the voice call through the transmitter/receiver unit is available, (ii) to output the message so as to notify that the voice call is unavailable to the calling party when the determination process determines that the voice call through the transmitter/receiver unit is unavailable.

11. (Currently Amended) A communication method using a telephone terminal having a plurality of transmitter/receiver units, to each of which identifying information on Internet is assigned, and a base unit for inputting/outputting audio signals transmitted through Internet to relay the audio signals to the transmitter/receiver unit, comprising the steps of:

inquiring the a state of use to the transmitter/receiver unit, to which the identifying information is assigned, when the an incoming call based on the identifying information is received through Internet;

determining whether ~~or not the~~ a voice call through the transmitter/receiver unit is available based on the state of use responded to the inquiry; and

(i) calling the transmitter/receiver unit to perform a voice call with a calling party through Internet, when the determination device determines that the voice call through the transmitter/receiver unit is available, (ii) outputting the message to the calling party

so as to notify that the voice call is unavailable, when the determination device determines the voice call is unavailable.

***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S AL-Aubaidi whose telephone number is (571) 272-7481. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**RASHA S. AL-AUBAIDI**  
**PATENT EXAMINER**

**Art Unit 2614**  
**06/21/2007**